

IOANA-ALINA CIOBOTARU

LUCRĂRI LA CONFERINȚE ȘI CONGRESE

- **Lucrări prezentate la diferite seminarii/expoziții, conferințe, etc.**
- **Ioana-Alina Ciobotaru**, Ioana Maior, *Study on the corrosion behavior of damaged aluminium and tin cans*, **ADFOODCHEM – Advances in Food Chemistry 2021**, 15-17 aprilie 2021;
- Ioana Maior, Anca Cojocaru, **Ioana-Alina Ciobotaru**, Gabriela –Elena Badea, A. Fodor, *Effect of Additives on the Corrosion Inhibition of Steel by Chitosan Coatings in Food Packaging Applications*, **ADFOODCHEM – Advances in Food Chemistry 2021**, 15-17 aprilie 2021;
- **Ioana-Alina Ciobotaru**, Anca COJOCARU, Ioana MAIOR, Dănuț-Ionel VAIREANU, *Overcoming Practical Challenges in Assessing the Ionic Conductivity in Polymer conducting Membranes*, **Simpozionul Național de Chimie, Contribuții la creșterea calității învățământului și cercetării în domeniul chimiei” Craiova**, XII EDITION, Analele Universității din Craiova, Seria Chimie, 28 Noiembrie 2020;
- **Ioana-Alina Ciobotaru**, Florin-Mihai Benga, Danut-Ionel Vaireanu, *Advantages and disadvantages of rechargeable batteries reconditioning versus recycling*, **Symposium of the Young Chemical Engineers (SICHEM), 17-18 septembrie 2020, București, Romania;**
- Ioana Maior, Ioana-Maria Nicola, **Ioana-Alina Ciobotaru**, Anca Cojocaru, Oana Cristina Parvulescu, *The influence of the operating parameters on the applications of the titanium passivation process by anodizing*, **Symposium of the Young Chemical Engineers (SICHEM), 17-18 septembrie 2020, București, Romania;**
- **Ioana-Alina Ciobotaru**, Irina-Elena Ciobotaru, Danut-Ionel Vaireanu, *Electrochemical production of active chlorine using platinised platinum electrodes*, ID 2048, **Technium Conference, Constanța, Romania**, ISBN: 978-973-0-30915-7.
- Anca Cojocaru, Ioana Maior, **Ioana-Alina Ciobotaru**, Alexandra Cojocaru-Greblea, Danut-Ionel Vaireanu, *Eco-friendly corrosion inhibitors for steel in NaCl medium*, **21th Romanian International Conference on Chemistry and Chemical Engineering, 4-7 septembrie 2019, Constanța - Mamaia, Romania.**
- Oana-Claudia Ciobotea-Barbu, **Ioana-Alina Ciobotaru**, Danut-Ionel Vaireanu, Calin Nicolae, *XRD, Raman and SEM surface analysis on Ni-Cu electrodeposited layers*, **4th International Workshop on Materials under Extreme Conditions SUPERMAT, 14-16 noiembrie 2018, București, Romania;**
- **Ioana-Alina Ciobotaru**, Oana-Claudia Ciobotea Barbu, Anca Cojocaru, Ioana Maior, Florin-Mihai Benga, Danut-Ionel Vaireanu, *Electrochemical studies on reinforced BTSE coatings deposited on anodized aluminium*, **Symposium of the Young Chemical Engineers (SICHEM), 6-7 septembrie 2018, București, Romania;**
- Florin-Mihai Benga, **Ioana-Alina Ciobotaru**, Irina-Elena Ciobotaru, Danut-Ionel Vaireanu, *A reconditioning procedure of some Li-pol batteries*, **Symposium of the Young Chemical Engineers (SICHEM), 6-7 septembrie 2018, București, Romania;**
- Anca Cojocaru, **Alina Ioana Ciobotaru**, Madalina Alexandra Toma, Florin Mariano Patriche, Ionut Cristian Radu, Catalin Zaharia, Ioana Maior, *Electrochemical characterization of graphite/polyester composite*, **Symposium of the Young Chemical Engineers (SICHEM), 6-7 septembrie 2018, București, Romania;**

- Ioana Maior, Anca Cojocaru, Danut-Ionel Vaireanu, **Ioana-Alina Ciobotaru**, Oana Cristina Parvulescu, *Green corrosion inhibitor for mild steel in neutral and acid solutions*, **Symposium of the Young Chemical Engineers (SICHEM), 6-7 septembrie 2018, București, Romania;**
- Oana-Claudia Ciobotea Barbu, **Ioana-Alina Ciobotaru**, Danut-Ionel Vaireanu, Daniel Bîrgăoanu, *The influence of the electrodeposition parameters on the properties of Ni-Cu deposits*, **Smart Specialization and Advanced Materials for Extreme Conditions, 20-22 noiembrie 2017, București, Romania;**
- **Ioana-Alina Ciobotaru**, Oana-Claudia Ciobotea Barbu, Florin-Mihai Benga, Ioana Maior, Danut-Ionel Vaireanu, Irina-Elena Ciobotaru, *The effect of substrate anodisation on deposited BTSE silane films*, **20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 6-9 septembrie 2017, Poiana Brașov, Romania;**
- Florin-Mihai Benga, Danut-Ionel Vaireanu, **Ioana-Alina Ciobotaru**, Anca Cojocaru, Irina-Elena Ciobotaru, *A novel use for reconditioned Li-polymer rechargeable batteries*, **20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 6-9 septembrie 2017, Poiana Brașov, Romania;**
- Ioana Maior, Anca Cojocaru, Dănuț-Ionel Văireanu, **Ioana-Alina Ciobotaru**, *Juglans Regia extract as green corrosion inhibitor for mild steel*, **20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 6-9 septembrie 2017, Poiana Brașov, Romania;**
- **Ioana-Alina Ciobotaru**, Florin-Mihai Benga, Oana Claudia Barbu, George Costin Lazăr, Claudiu Câmpureanu, Traian Rus, Dănuț-Ionel Văireanu, *Conductivity cell constant revisited*, **Symposium of the Young Chemical Engineers (SICHEM), 8-9 septembrie 2016, București, Romania;**
- **Ioana-Alina Ciobotaru**, Dănuț-Ionel Văireanu, Ioana Maior, Anca Cojocaru, Simona Caprărescu, *Electrochemical techniques as a useful aid for deposition and characterisation of silane coatings*, **19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 2-5 septembrie 2015, Sibiu, Romania;**
- **Ioana-Alina Ciobotaru**, Dănuț-Ionel Văireanu, Ioana Maior, Anca Cojocaru, Simona Caprărescu, *The determination of the optimum hydrolisation time of silanes for the silanization process*, **19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 2-5 septembrie 2015, Sibiu, Romania;**
- Anca Cojocaru, Ioana Maior, G. E. Badea, **Ioana-Alina Ciobotaru**, Simona Căprărescu, Dănuț-Ionel Văireanu, *Comparative Evaluation of Natural and Commercial Scale Inhibitors*, **19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 2-5 septembrie 2015, Sibiu, Romania;**
- Oana Mădălina Fronoiu, Ioana Maior, **Ioana-Alina Ciobotaru**, Horia Iovu, Dănuț-Ionel Văireanu, Simona Căprărescu, *A study on Epoxy-Silane-Nanoparticles Hybrid Coatings. Evaluation of the Corrosion Protection Properties*, **19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 2-5 septembrie 2015, Sibiu, Romania;**
- **Ioana-Alina Ciobotaru**, Irina-Elena Ciobotaru, Dănuț-Ionel Văireanu, *A Novel Descriptor to Evaluate the Potential Interactions Between Food Additives and Coating Materials using Electrochemical Impedance Spectroscopy*, **Scientific Conference of the Doctoral Schools of "Dunărea de Jos" University of Galați (CSSD UDJG) 4-5 Iunie 2015, Galați, Romania – Premiul 2 Secțiunea 4;**

- Căprărescu Simona, Ianchis Raluca, Radu Anita-Laura, Purcar Violeta, Alexandrescu Elvira, Sârbu Andrei, Miron Alexandra Raluca, Văireanu Dănuț Ionel, Cojocaru Anca, Maior Ioana, **Ciobotaru Ioana Alina**, *Preparation, characterization and application of modified commercial organoclay polymer membranes for removal of indigo carmine*, S3-P-3, Book of abstracts p. 110, **Priorities of Chemistry for a Sustainable Development (PRIOCHEM) - 11th Edition, 29 - 30 octombrie 2015, București, Romania;**
- Oana Cristina Pârvulescu, Violeta Alexandra Ion, Tănase Dobre, Narcis Duțeanu, **Ioana-Alina Ciobotaru**, *Temperature swing adsorption of n-hexane onto fixed-bed activated carbon*, **42nd Conference of Slovak Society of Chemical Engineering, 25-29 mai 2015, Tatranské Matliare, Slovak Republic;**
- Ali A. A. Al Janabi, Tănase Dobre, Oana Cristina Pârvulescu, Violeta Alexandra Ion, **Ioana Alina Ciobotaru**, *Rheological characterization of cellulose-TEOS casting solution*, **42nd Conference of Slovak Society of Chemical Engineering, 25-29 mai 2015, Tatranské Matliare, Slovak Republic.**